

**NASA Educator Resource Center  
K – 12 STEM-Based/Hands-on Interactive  
Professional Development Workshops at Kennedy Space Center  
Winter-Spring 2013**



**NASA Educator Resource Center Professional Development Workshops  
correlate to the Sunshine State Standards**

**NASA REACHING NEW HEIGHTS**

<p style="text-align: center;"><b>Saturday, February 2, 2013 9:00am – 12:00pm</b></p> <p style="text-align: center;"><b><i>Destination, Mars!</i></b></p> <p>A look at the exploration of this world throughout history and what the future might hold. The latest findings from Curiosity, the Mars Exploration Rovers (Spirit and Opportunity), the Phoenix lander, the Mars Reconnaissance Orbiter, and Mars Odyssey 2001 will be discussed. The information and activities presented are sure to inspire the possible future "Martians" in your classroom. <i>Grades K-12.</i></p>	<p style="text-align: center;"><b>Saturday, March 2, 2013 9:00am – 12:00pm</b></p> <p style="text-align: center;"><b><i>Our Magnetic Sun: Space Weather and the Solar Maximum</i></b></p> <p>Just in time for solar maximum, find out how you and your students can learn more about our nearest star with resources ranging from internet web sites to safe Solar filters for both unaided eye and telescope. Discover NASA's ongoing role in Solar research and some of the surprising results from that effort. <i>Grades K-12.</i></p>	<p style="text-align: center;"><b>Saturday, May 4, 2013 9:00am – 12:00pm</b></p> <p style="text-align: center;"><b><i>Space in the Classroom: Demonstrations and Activities that are Safe, Simple and Effective</i></b></p> <p>Basic principles of rocketry and spaceflight will be explored with an emphasis on high interest demonstrations and hands-on activities that teachers can utilize in their classrooms. Air-powered, water/air-powered, and solid propellant model rockets will all be discussed and demonstrated. <i>Grades K-12.</i></p>	<p style="text-align: center;"><b>Saturday, June 1, 2013 9:00am – 12:00pm</b></p> <p style="text-align: center;"><b><i>Citizen Science, Simulations, and Games that Teach</i></b></p> <p>Learn about the easy and readily available opportunities for you and your students to participate in real scientific research, realistic simulations, and engaging educational gaming. Specific programs introduced will be Globe at Night, Galaxy Zoo, Moon Zoo, MoonKam, MarsLink, and Selene. Participants should bring their laptops. <i>Grades 5-12.</i></p>
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For more information about NASA Professional Development Workshops, NASA Education or the NASA Educator Resource Center at the John F. Kennedy Space Center, please contact us at **321-867-4090** or email [ksc-erc-educator-resource-center@mail.nasa.gov](mailto:ksc-erc-educator-resource-center@mail.nasa.gov). Visit our website at <http://education.ksc.nasa.gov/educators/k12.htm>.

Upon completion, Florida teachers are eligible to apply for in-service points by contacting their school district professional development office.

***NASA Educational Products will be reviewed & distributed.***